

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012087.D
 Acq On : 21 Aug 2019 22:53
 Operator : SY/VA
 Sample : K4403-08
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H3-(2.5)

Quant Time: Aug 22 07:05:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

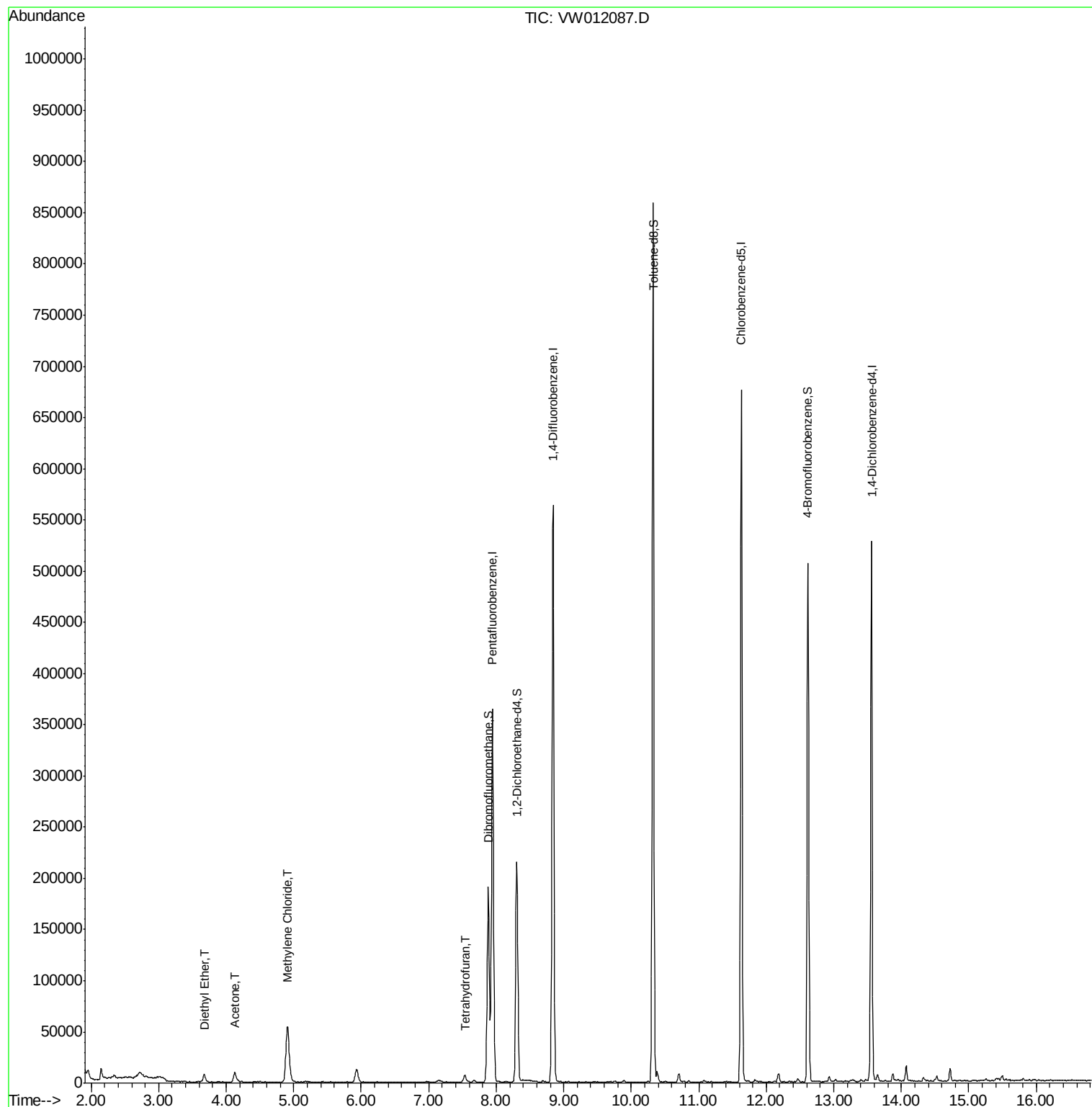
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	442874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169534	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	7.88	113	134343	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	10.32	98	540907	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	163224	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
8) Diethyl Ether	3.67	74	3593	2.299	ug/l	85
16) Acetone	4.12	43	17860	18.445	ug/l	97
20) Methylene Chloride	4.91	84	40255	12.054	ug/l	97
29) Tetrahydrofuran	7.53	42	5856	8.086	ug/l #	81

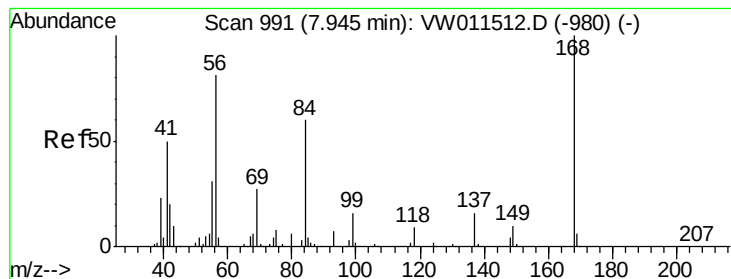
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012087.D

Acq: 21 Aug 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

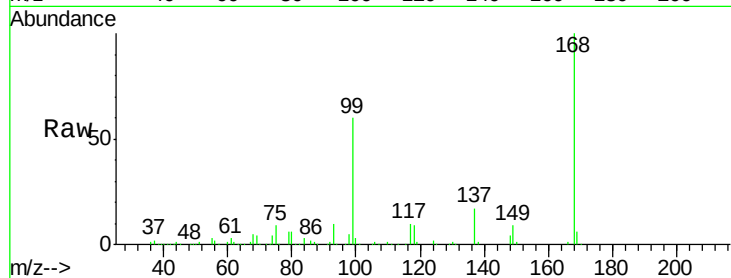
T1-H3-(2.5)

Tot Ion:168 Resp: 265092

Ion Ratio Lower Upper

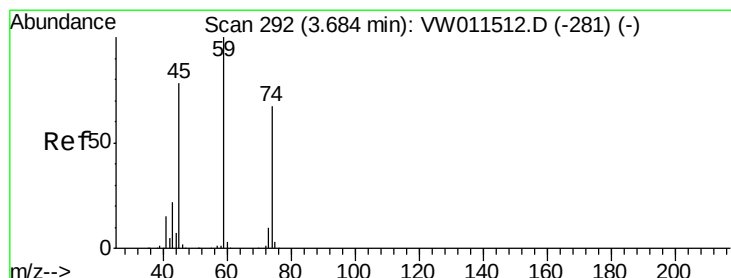
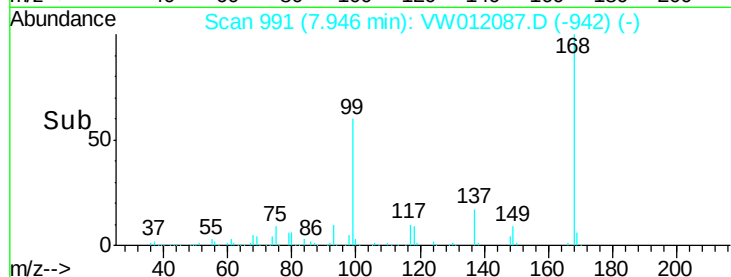
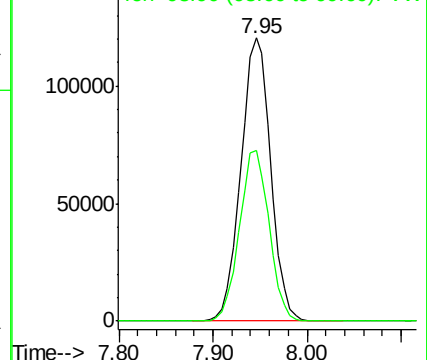
168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.299 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012087.D

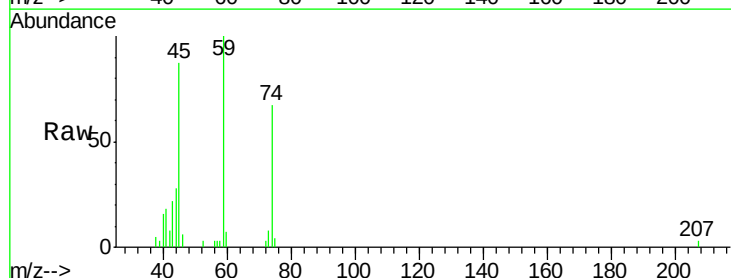
Acq: 21 Aug 2019 22:53

Tgt Ion: 74 Resp: 3593

Ion Ratio Lower Upper

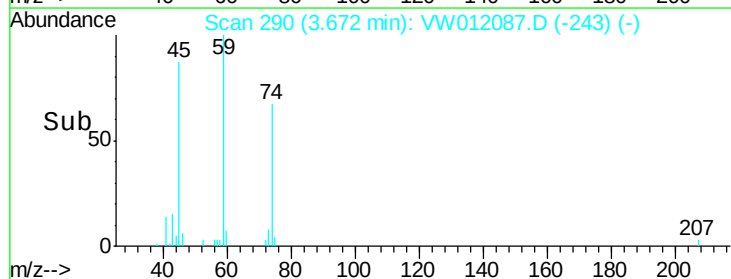
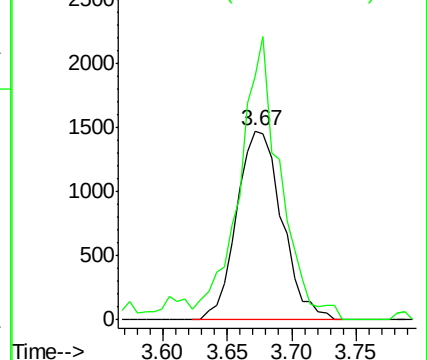
74 100

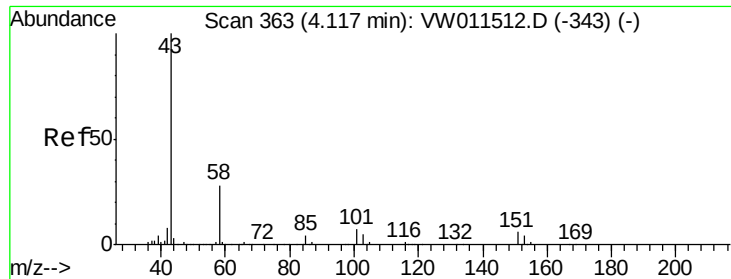
45 135.7 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

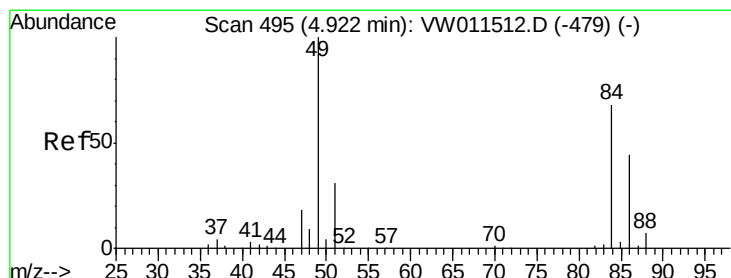
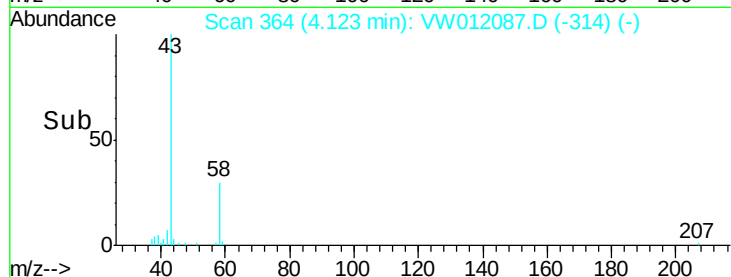
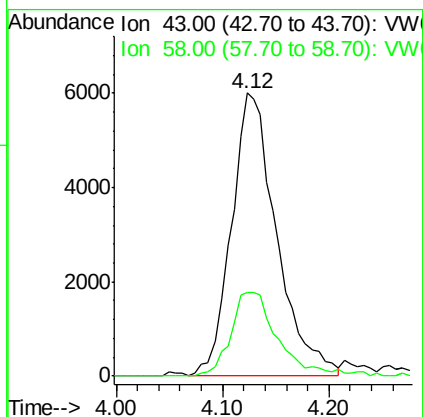
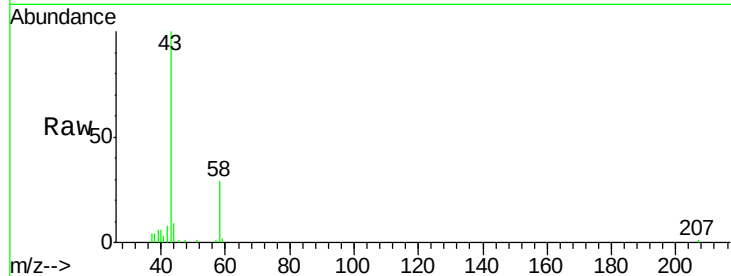




#16
Acetone
Concen: 18.445 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

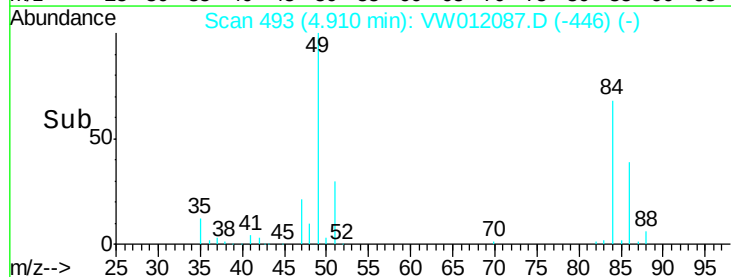
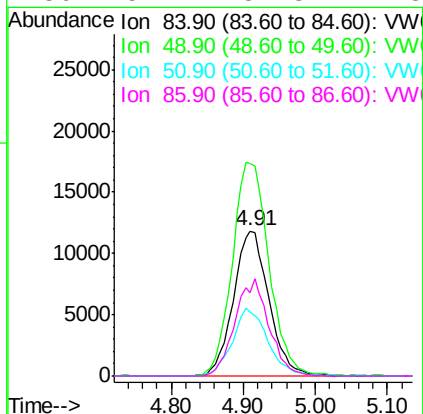
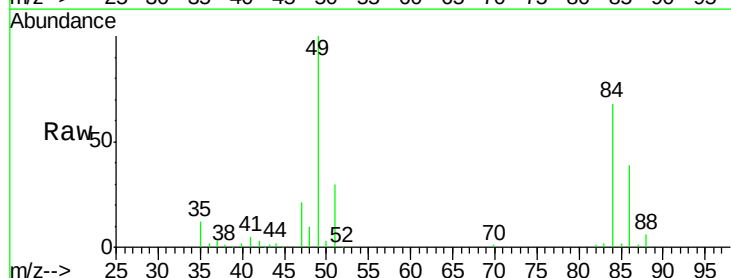
Instrument :
MSVOA_W
ClientSampleId :
T1-H3-(2.5)

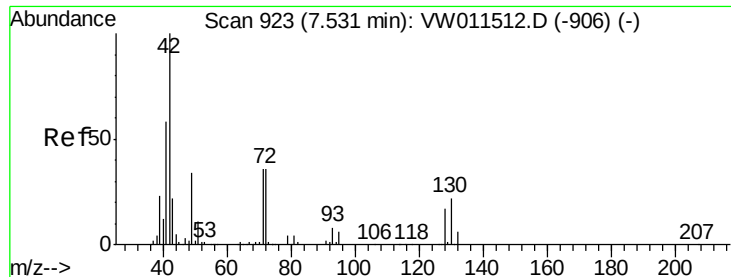
Tot Ion: 43 Resp: 17860
Ion Ratio Lower Upper
43 100
58 29.5 22.3 33.5



#20
Methylene Chloride
Concen: 12.054 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

Tgt Ion: 84 Resp: 40255
Ion Ratio Lower Upper
84 100
49 146.5 117.8 176.6
51 43.9 37.0 55.4
86 57.4 51.8 77.8

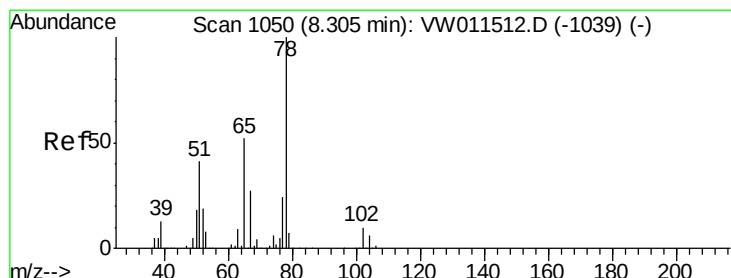
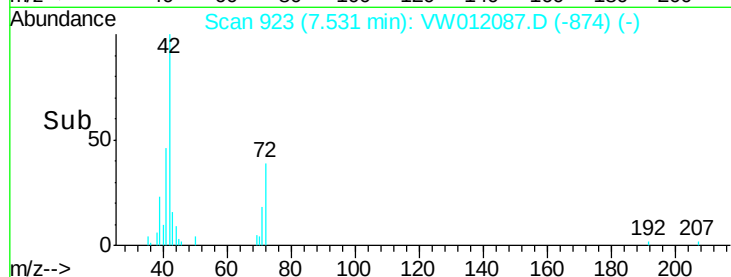
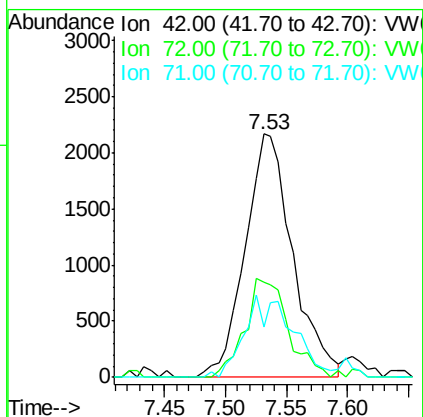
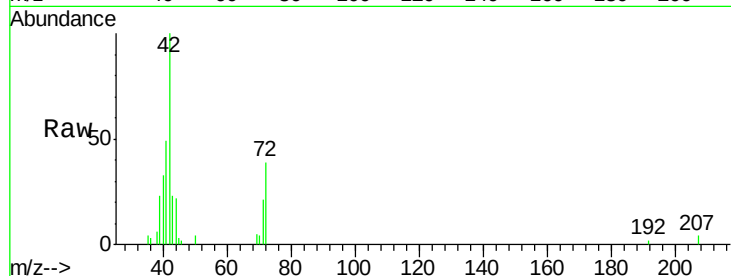




#29
Tetrahydrofuran
Concen: 8.086 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

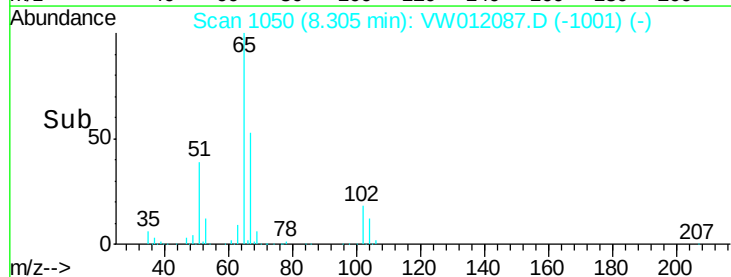
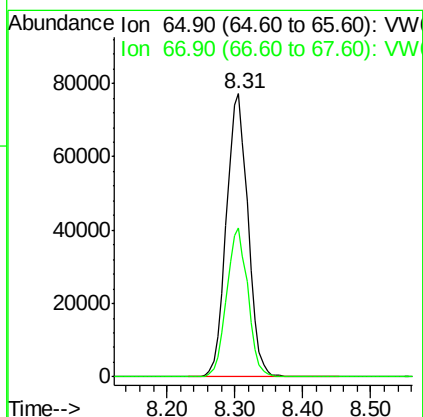
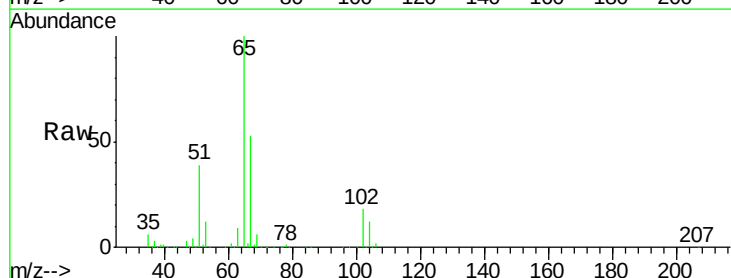
Instrument :
MSVOA_W
ClientSampled :
T1-H3-(2.5)

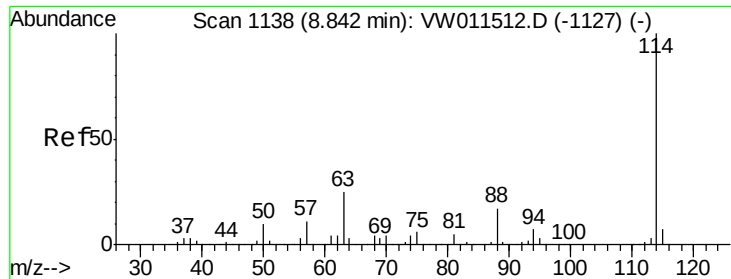
Tot Ion: 42 Resp: 5856
Ion Ratio Lower Upper
42 100
72 36.9 27.1 40.7
71 14.5 26.2 39.4#



#33
1,2-Dichloroethane-d4
Concen: 55.695 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

Tgt Ion: 65 Resp: 169534
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2

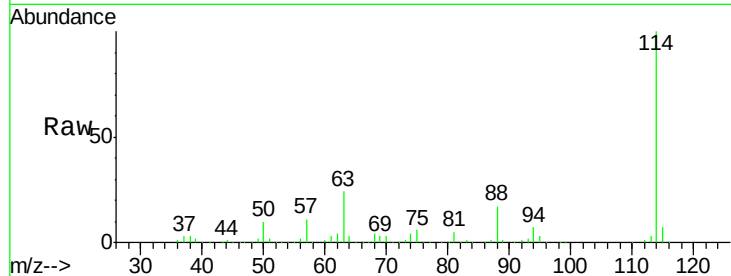




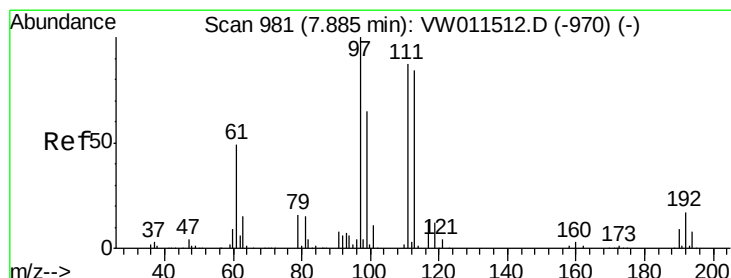
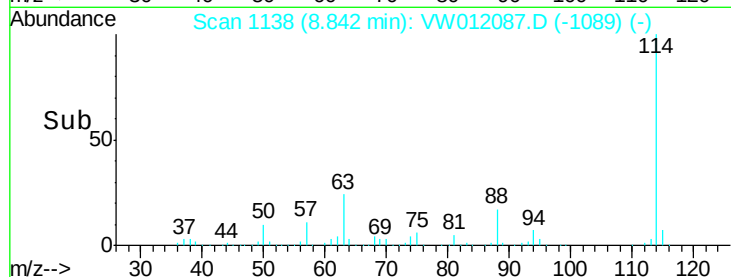
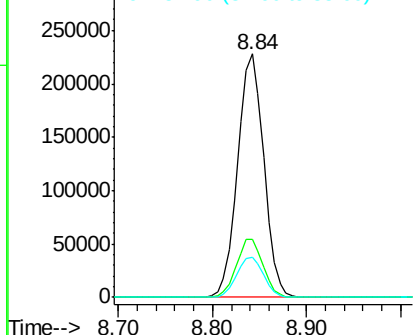
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012087.D
 Acq: 21 Aug 2019 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H3-(2.5)

Tot Ion:114 Resp: 442874
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.7 0.0 33.8

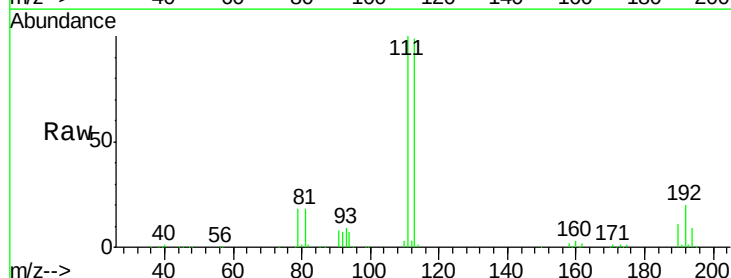


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

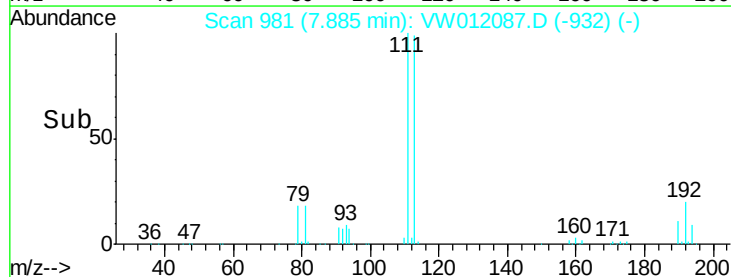
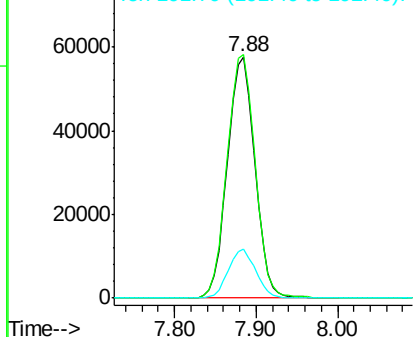


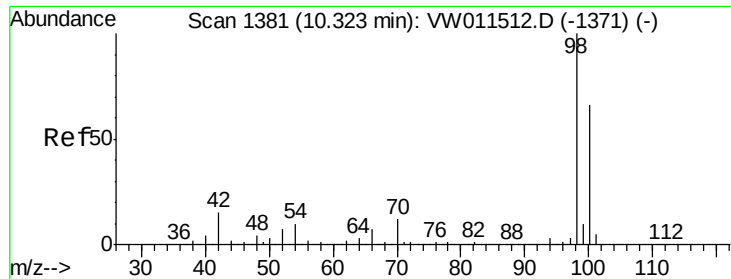
#35
 Dibromofluoromethane
 Concen: 54.070 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012087.D
 Acq: 21 Aug 2019 22:53

Tgt Ion:113 Resp: 134343
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.7 124.1
 192 20.0 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

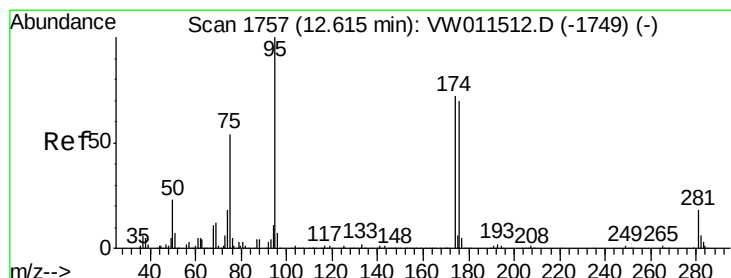
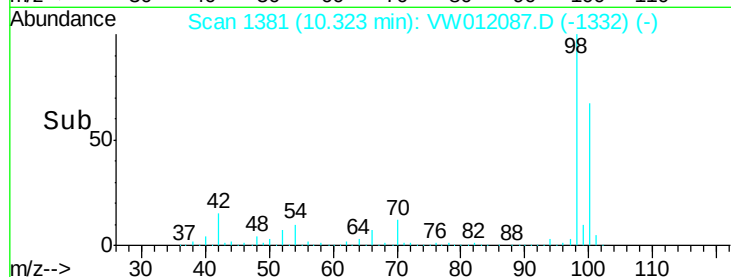
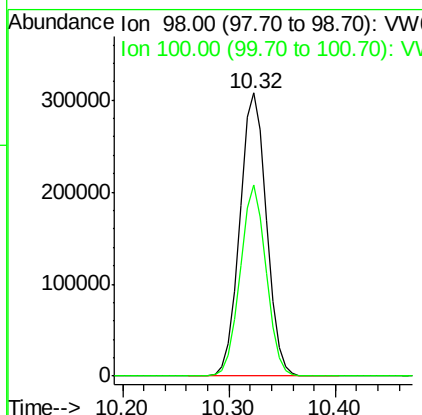
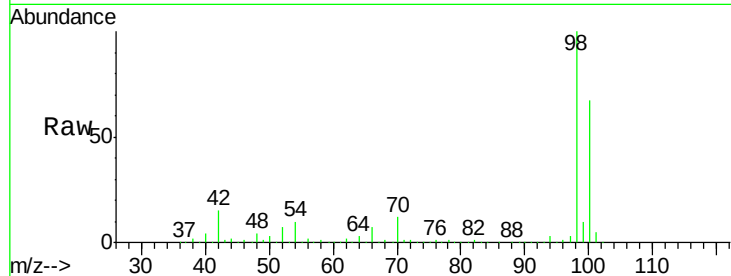




#50
Toluene-d8
Concen: 53.172 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

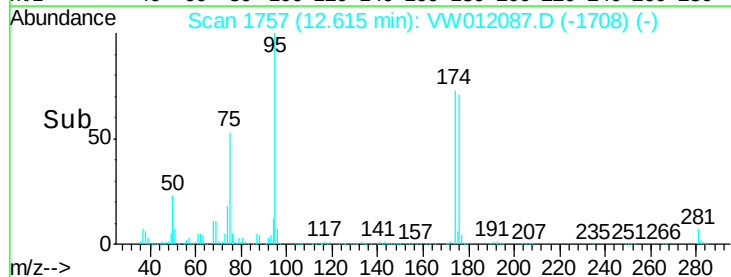
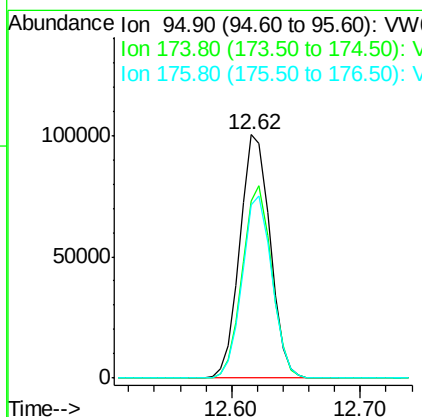
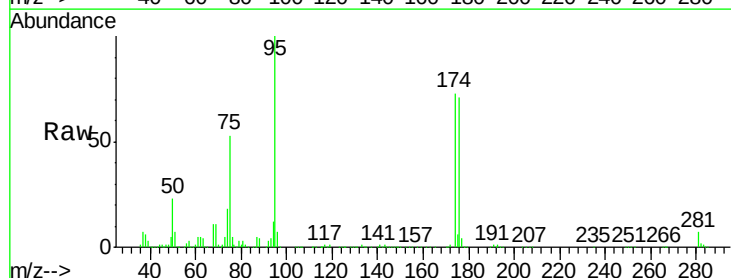
Instrument :
MSVOA_W
ClientSampleId :
T1-H3-(2.5)

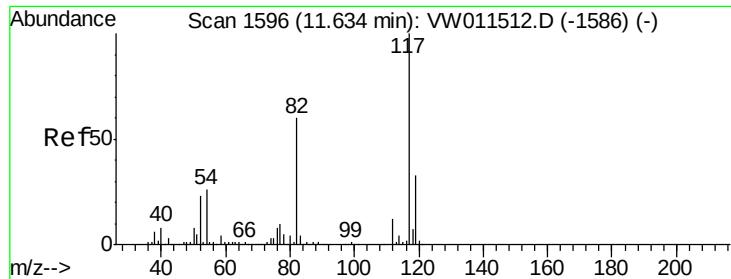
Tot Ion: 98 Resp: 540907
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.005 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

Tgt Ion: 95 Resp: 163224
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.2
176 73.6 0.0 144.4

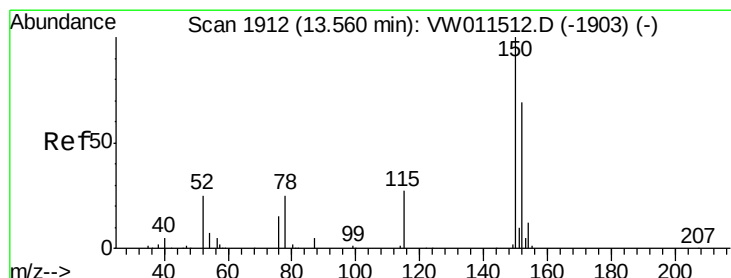
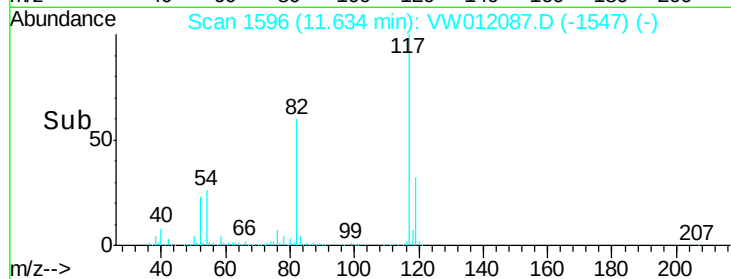
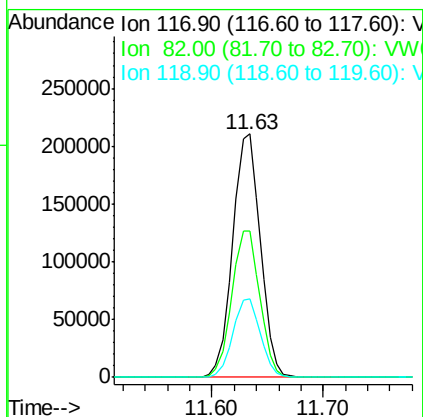
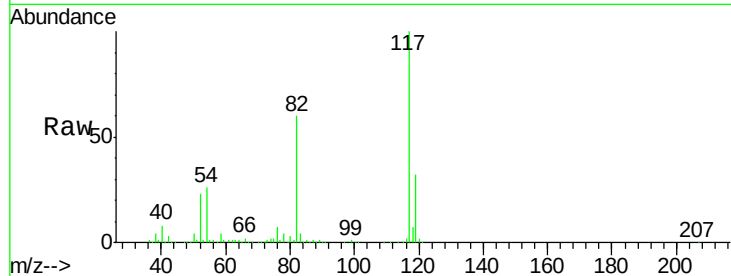




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

Instrument :
MSVOA_W
ClientSampled :
T1-H3-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.9	71.9
119	32.3	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012087.D
Acq: 21 Aug 2019 22:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.5	91.5
150	157.8	0.0	352.6

